FY01 DATATWG Dates

- ❖ 7 Dec – S4310, 1A411, FtMo3076, Lang109
- ❖ 11 Jan – S4310, 3M507, FtMo3025
- ❖ 8 Mar – S4310, 3M507, FtMo 3025
- ❖ 26 Apr – S4310, Hanscom 1624, FtMo 3025
- ❖ 14 Jun – Wilson1B02, 3M507, FtMo 3025
- ❖ 26 Jul - S4310, 3M507, FtMo 3025
- ❖ 13 Sep - Wilson1B02, Hanscom 1624, FtMo 3025

Additional VTC requests should be sent to ghayes@mitre.org soonest

AICDM Presentation

❖ AODR URL is
  ◆ http://aodr-arch-odisc4.army.mil
  ◆ Poc for password &log-in is:
    ➢ Ric Vatter (703) 806-3822
❖ DISC4 web site:
  ◆ http://arch-odisc4.army.mil

DATATWG
2 Nov 2000, 9am-1pm

- ❖ Army Integrated Core Data Model (AICDM) - ADMT (DISA)
- ❖ Joint Common Data Base (JCDB)
- ❖ Review of Action Items.

SSD-MD (XML) Subpanel Meeting 2 Nov 2000, 1-5pm

- ❖ Announcements
  - ◆ Next Meeting - 7 Dec – S4310, 1A411, FtMo3076, Lang109
  - ◆ XML Signatures – Candidate Recommendation (10/31/2000) http://www.w3.org
  - ◆ XML 2000 – 3-8 Dec 2000, Washington D.C.
    - ➢ http://www.gca.org/attend/2000_conferences/XML_2000/default.htm
  - ◆ XML Schema – Candidate Recommendation (10/24/2000) http://www.w3.org
- ❖ Security.dtd – Mary Ann Melosh (SAIC)
- ❖ Registry Preview
- ❖ Registry Submission Training
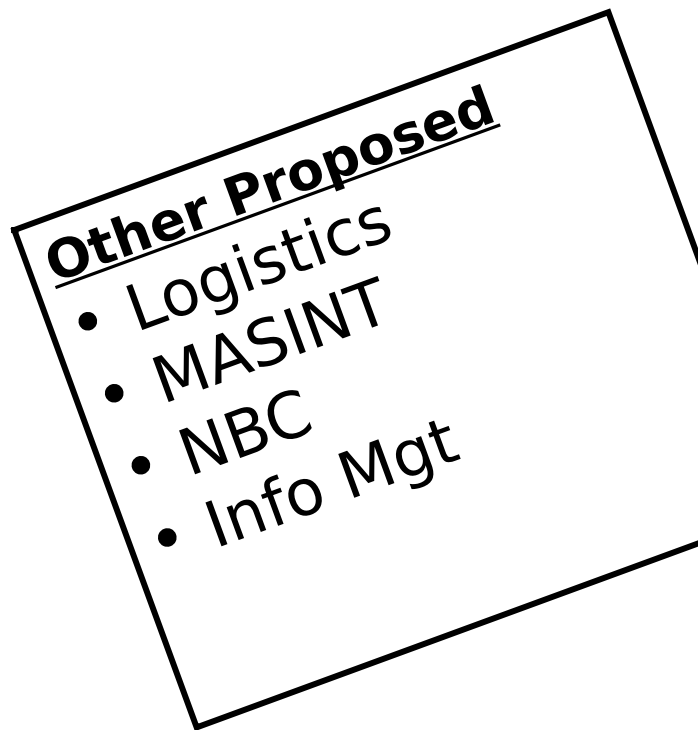- ❖ DoD CIO Executive Board Actions to DISA
- ❖ Namespace Mgrs Forum

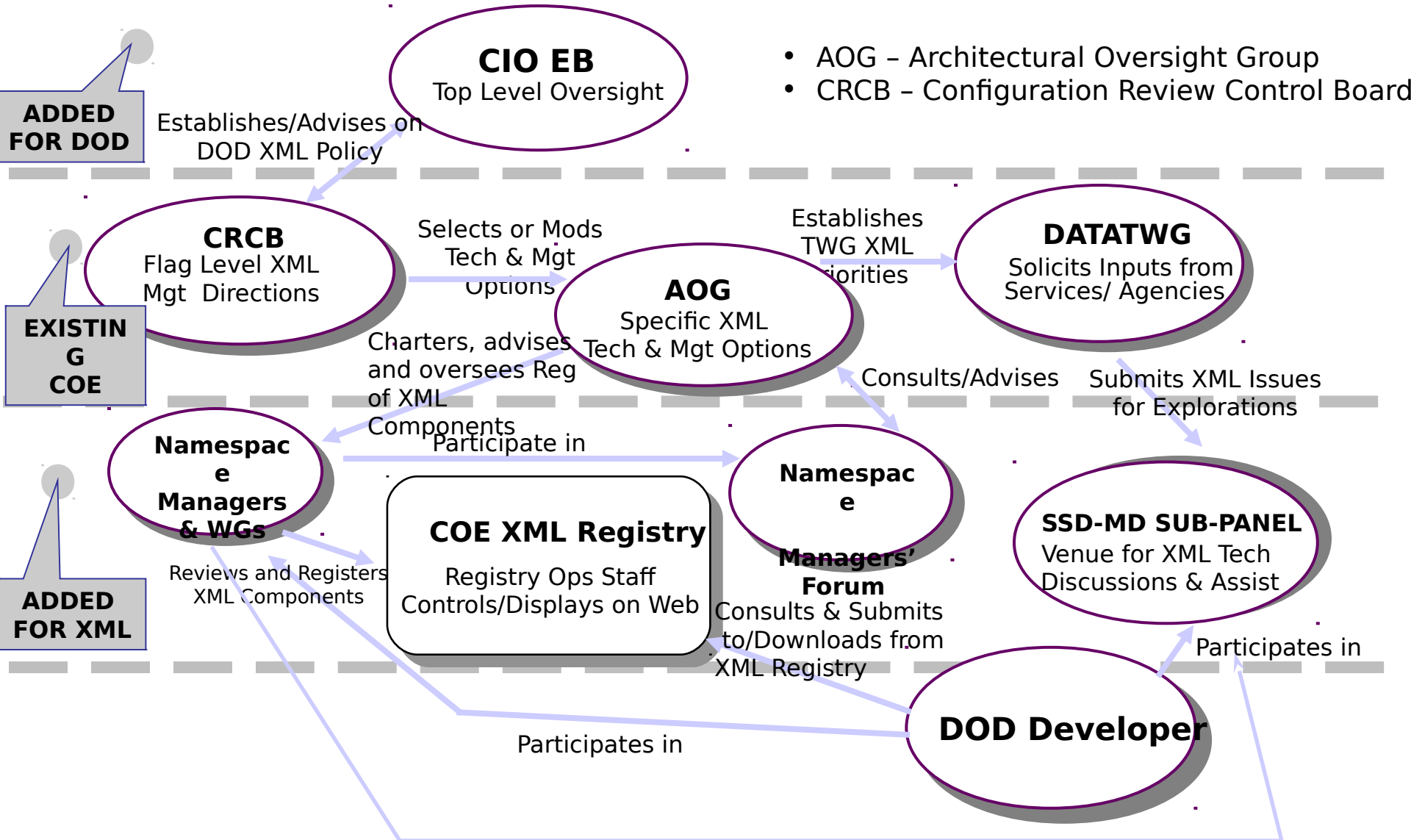# DoD XML Registration Policy Tasking/Coordination

- ❖ CRCB directs Chief Engineer to propose COE XML process for DoD
- ❖ 29 Aug Chief Engineer briefs DoD CIO EB
- ❖ CIO EB asks for
  - ◆ Draft registration policy memo
  - ◆ Resource assessment
  - ◆ Draft implementation plan
  - ◆ Staff through ASD C3I, USD AT& L, etc.
- ❖ 03 Nov   Brief AOG for Decision
- ❖ 09 Nov Brief to CIO Exec Board for Decision

Current Namespaces/Managers

- DoD "Core" (COE Enterprise)/DISA
- Ground Operations/Army
- General Military Intelligence/DIA
- Aerospace Operations/USAF
- Messages/DISA
- Tracks & Reports/Navy
- Combat Support/DISA
- Geospatial & Imagery/NIMA
- METOC/Navy
- Personnel/DIMHRS
- Finance and Accounting/DFAS

Other Proposed
- Logistics
- MASINT
- NBC
- Info Mgt

DoD XML Governance

CIO EB
Top Level Oversight

- AOG – Architectural Oversight Group
- CRCB – Configuration Review Control Board

ADDED FOR DOD

Establishes/Advises on DOD XML Policy

CRCB
Flag Level XML Mgt Directions

Selects or Mods Tech & Mgt Options

Establishes TWG XML Priorities

DATATWG
Solicits Inputs from Services/ Agencies

EXISTING COE

AOG
Specific XML Tech & Mgt Options

Charters, advises and oversees Reg of XML Components

Consults/Advises

Submits XML Issues for Explorations

Namespace Managers & WGs

Participate in

Namespace Managers' Forum

SSD-MD SUB-PANEL
Venue for XML Tech Discussions & Assist

ADDED FOR XML

Reviews and Registers XML Components

COE XML Registry
Registry Ops Staff Controls/Displays on Web

Consults & Submits to/Downloads from XML Registry

Participates in

Participates in
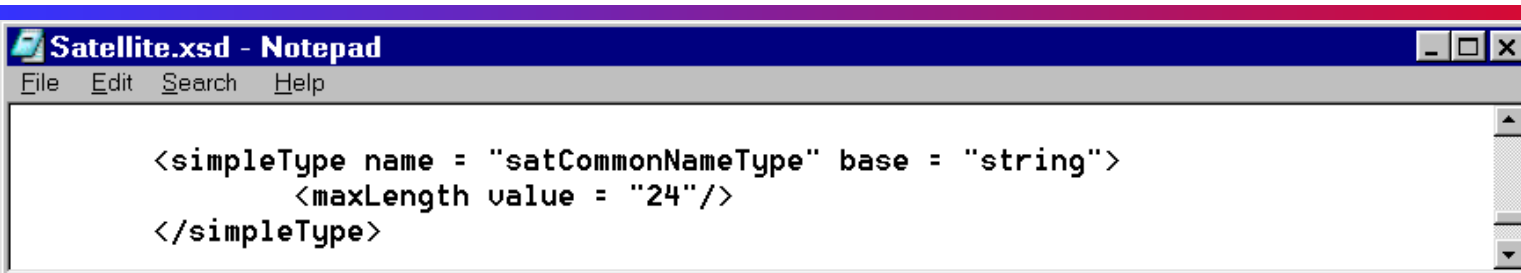
DOD Developer

Objectives for Namespace Mgrs Forum

❖ Propose, review, and implement DoD XML policy.

❖ Develop and promote best practices in XML.

❖ Seek opportunities for convergence.

❖ Oversee the operation of the Registry.

❖ Determine what metrics to use, analyze and make recommendations as inputs to DoD and other policies (I&RTS, JTA)

❖ Define, review, update the procedures for the Namespace Mgrs Forum.

❖ Review proposals for additional namespaces to make recommendation to DII COE AOG.

❖ Participate, Respect, and influence international and coalitions metadata standards.

Results of NSM Forum Brainstorming Session: 10/17

- ❖ Tag has
  - ◆ Definition - optional
  - ◆ Data type – primitive or user-defined
  - ◆ Constraints
    - ➢ Range - optional
    - ➢ Domain values – optional
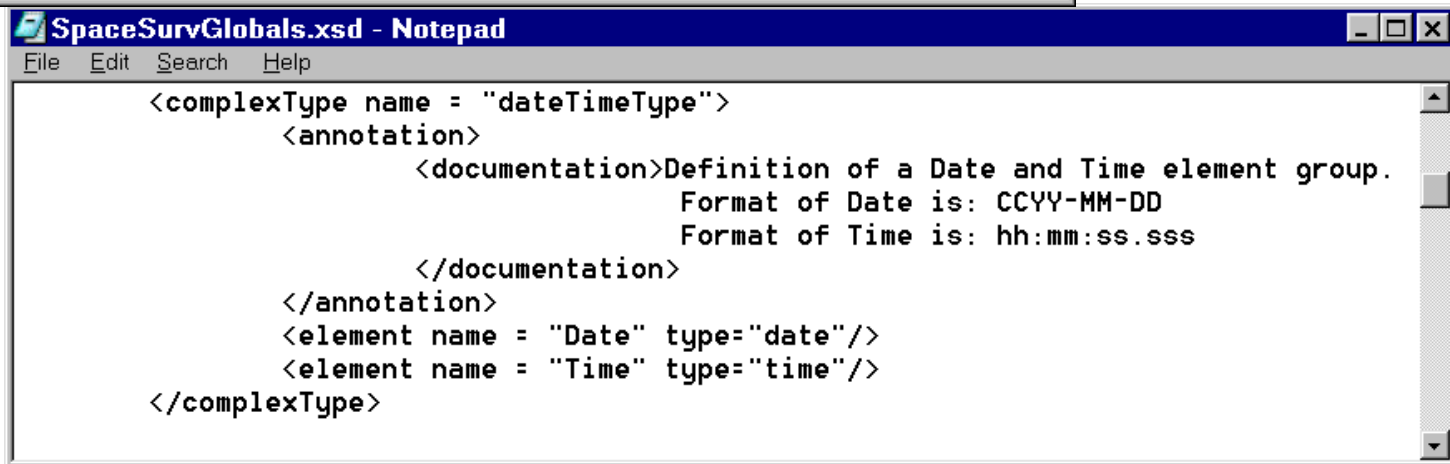- ❖ Reusable data types
- ❖ Schema identifies its own name

A Peek at XML Schemas in Action

Satellite.xsd - Notepad
File Edit Search Help

```
<simpleType name = "satCommonNameType" base = "string">
        <maxLength value = "24"/>
</simpleType>
```

String length

Data Structures,
New Primitives
Description

SpaceSurvGlobals.xsd - Notepad
File Edit Search Help
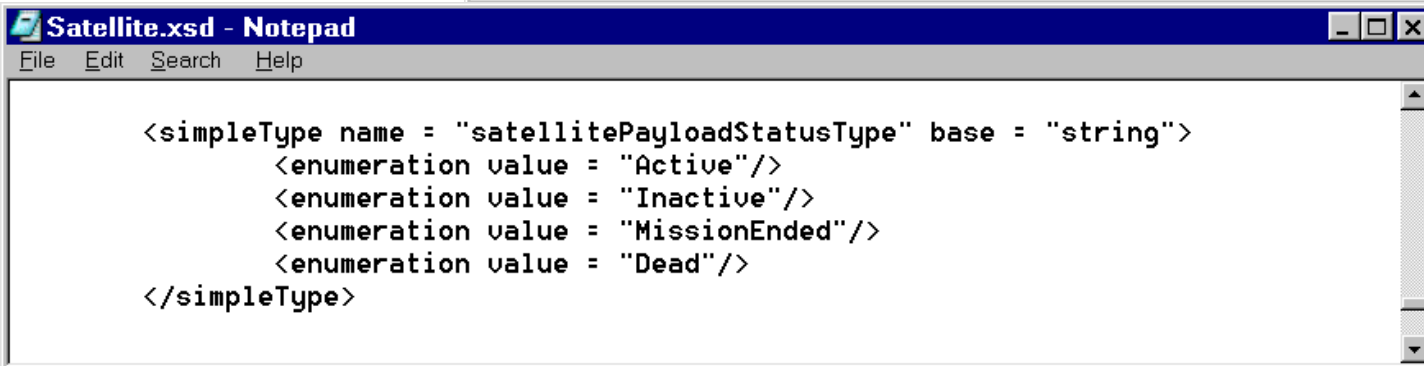
```
<complexType name = "dateTimeType">
        <annotation>
                <documentation>Definition of a Date and Time element group.
                                Format of Date is: CCYY-MM-DD
                                Format of Time is: hh:mm:ss.sss
                </documentation>
        </annotation>
        <element name = "Date" type="date"/>
        <element name = "Time" type="time"/>
</complexType>
```
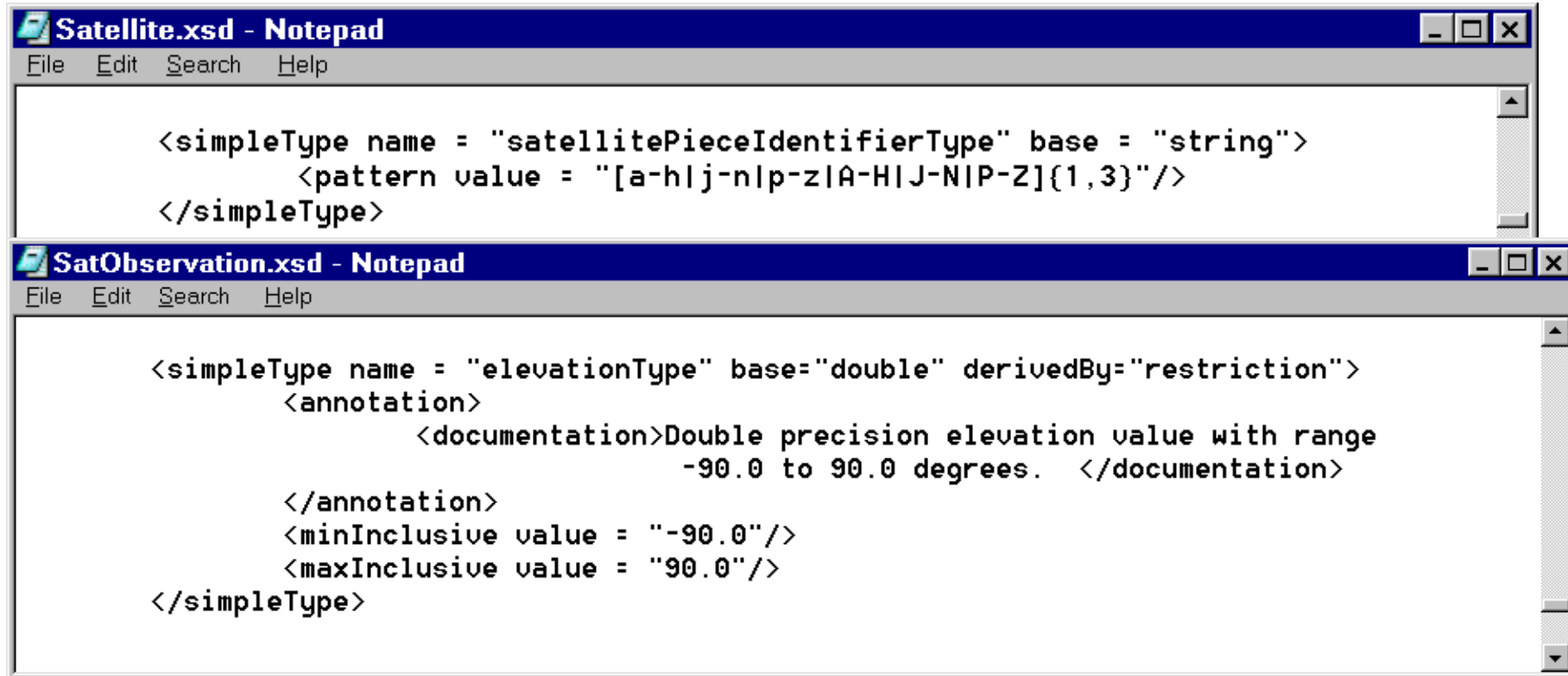
Satellite.xsd - Notepad
File Edit Search Help

```
<simpleType name = "satellitePayloadStatusType" base = "string">
        <enumeration value = "Active"/>
        <enumeration value = "Inactive"/>
        <enumeration value = "MissionEnded"/>
        <enumeration value = "Dead"/>
</simpleType>
```

Domain Values

Source: Mary Pulvermacher, MITRE

A Peek at XML <u>S</u>chemas in Action continued

Other Constraints

```
Satellite.xsd - Notepad
File   Edit   Search   Help

        <simpleType name = "satellitePieceIdentifierType" base = "string">
                <pattern value = "[a-h|j-n|p-z|A-H|J-N|P-Z]{1,3}"/>
        </simpleType>
```

```
SatObservation.xsd - Notepad
File   Edit   Search   Help

        <simpleType name = "elevationType" base="double" derivedBy="restriction">
                <annotation>
                        <documentation>Double precision elevation value with range
                                        -90.0 to 90.0 degrees.  </documentation>
                </annotation>
                <minInclusive value = "-90.0"/>
                <maxInclusive value = "90.0"/>
        </simpleType>
```

AppInfo

elementRule role="foo" type="integer">

<annotation><appinfo>default:1</appinfo></annotation>
</elementRule>